



ABSTRACT OF THE DISCLOSURE

The present invention relates to a voice recognition system.

The present invention presents a voice recognition system that is

5 insensitive to external noise and applicable to actual life by using auditory model and a neural network. It is another object of the present invention to provide a voice recognition system of which the power consumption is small and the efficiency is high by employing a FIR filter and establishing a filter-bank with only additions and shift-operations by using powers-of-two conversion.

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